



[57] Abstract

5 The present invention relates to a method and apparatus for
separating particulate matter from a gaseous stream. According
to the method, the gaseous stream containing the suspended
particulates is passed into a separator apparatus which includes
at least two multiple-inlet-multicyclones (16A – 16C), wherein
10 the particulates are separated from the gas by centrifugal force.
According to the invention, a separator apparatus is employed
wherein at least two (16A – 16C) of the multiple-inlet cyclones
are adapted to operate in parallel so as to form a multiple-inlet-
multicyclone apparatus. The cyclone assembly according to the
15 invention may be used as, e.g., the primary separator of an FCC
unit, but more advantageously it serves as the secondary or
tertiary separator of an FCC unit to remove “fines” from the flue
gases of the preceding separation stages.

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